

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078055.D
 Acq On : 28 Mar 2015 00:04
 Operator : TP/IZ
 Sample : G1672-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB04-032615

Quant Time: Mar 28 04:58:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

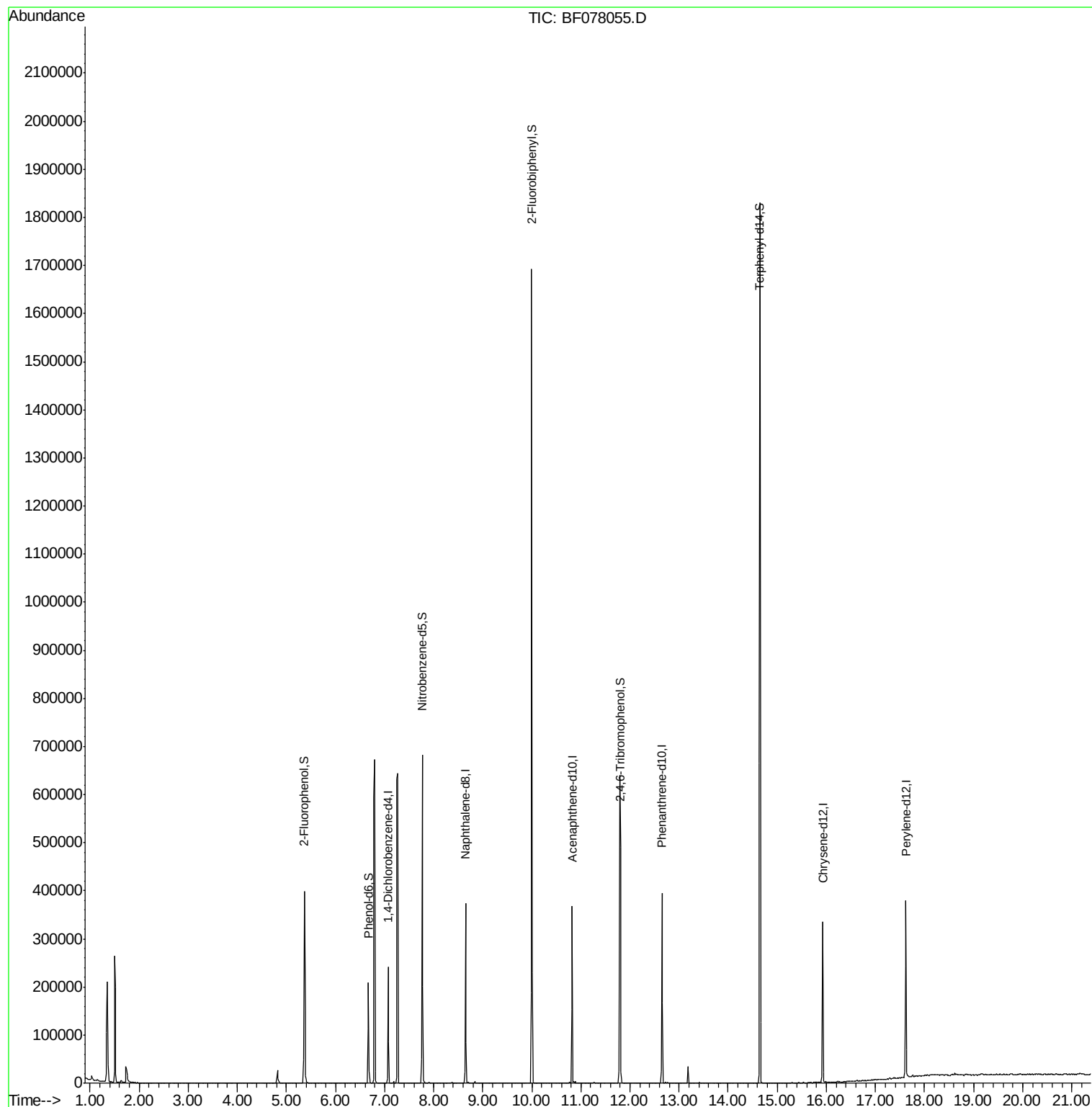
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	40321	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	170938	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	83538	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	169984	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	185026	20.00	ng	0.00
86) Perylene-d12	17.62	264	177650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	133402	57.75	ng	0.00
7) Phenol-d6	6.67	99	96177	33.70	ng	0.00
23) Nitrobenzene-d5	7.77	82	228057	87.46	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	101691	127.23	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	511827	90.04	ng	0.00
78) Terphenyl-d14	14.65	244	641851	84.74	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	291	Below Cal	Qvalue #	68

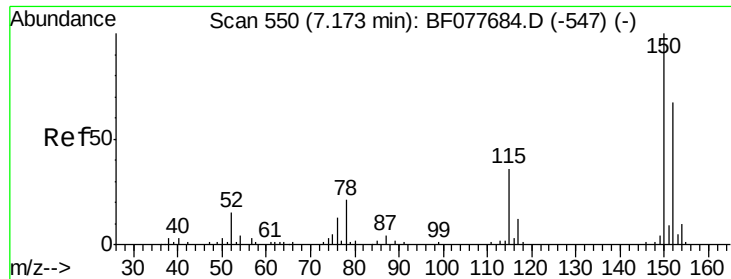
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078055.D

Acq: 28 Mar 2015 00:04

Instrument :

BNA_F

ClientSampleId :

DCW-RB04-032615

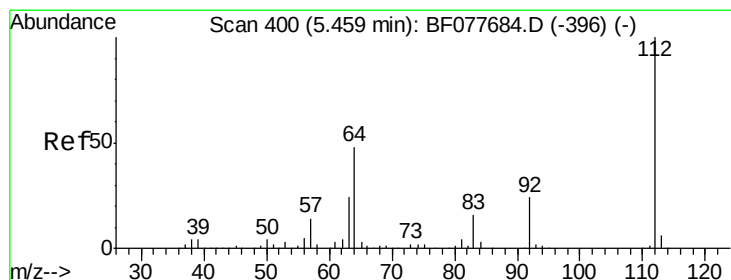
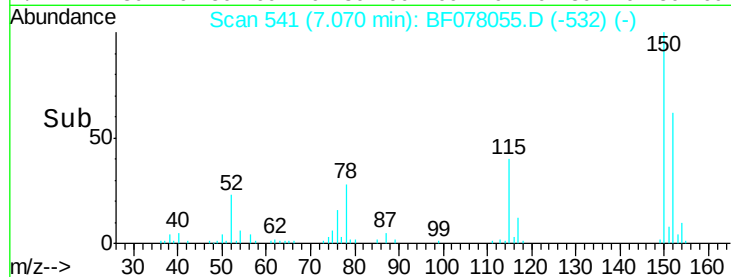
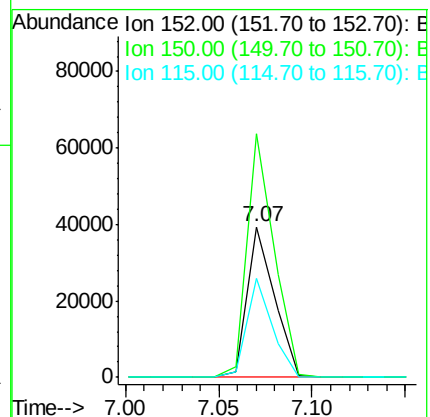
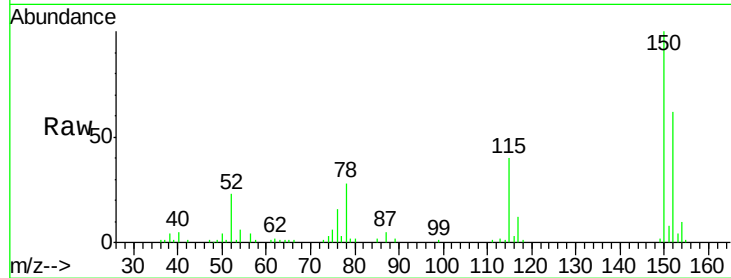
Tgt Ion:152 Resp: 40321

Ion Ratio Lower Upper

152 100

150 162.0 119.5 179.3

115 65.6 43.0 64.4#



#5

2-Fluorophenol

Concen: 57.75 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078055.D

Acq: 28 Mar 2015 00:04

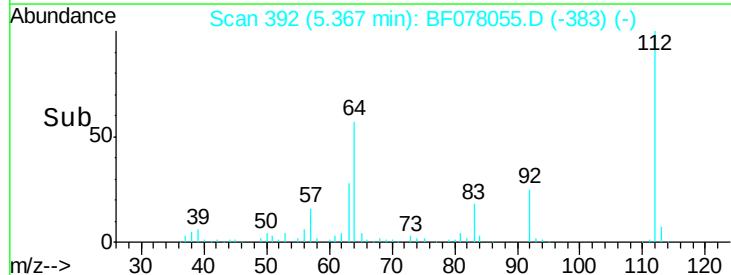
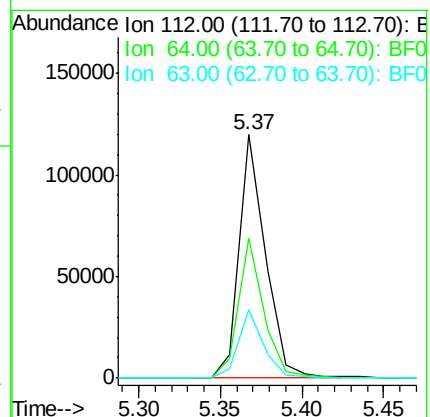
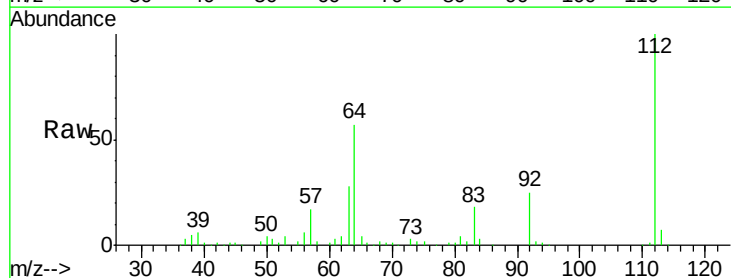
Tgt Ion:112 Resp: 133402

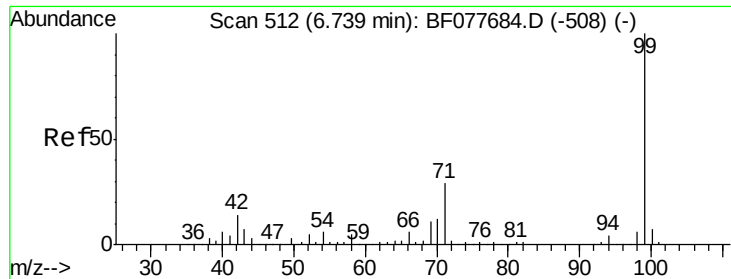
Ion Ratio Lower Upper

112 100

64 57.4 38.6 57.8

63 28.2 19.3 28.9





#7

Phenol-d6

Concen: 33.70 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078055.D

Acq: 28 Mar 2015 00:04

Instrument :

BNA_F

ClientSampleId :

DCW-RB04-032615

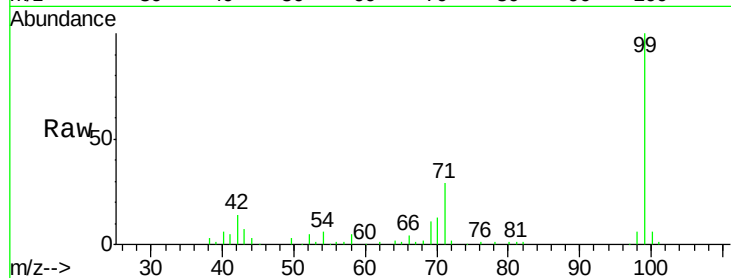
Tgt Ion: 99 Resp: 96177

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.4

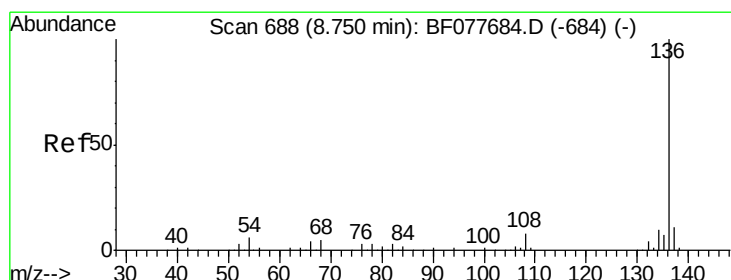
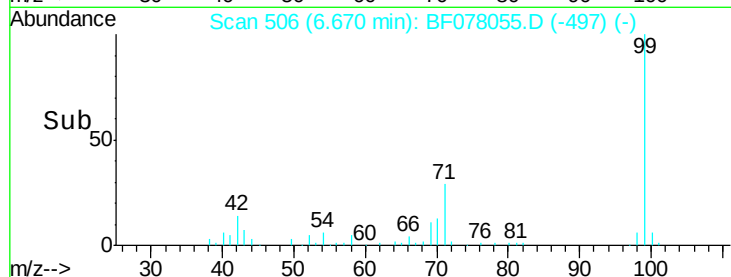
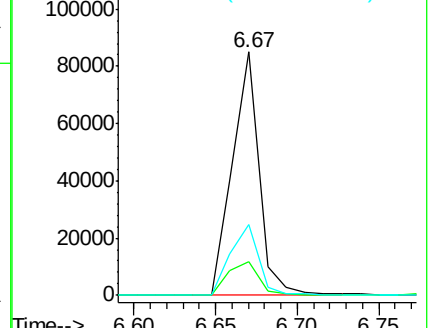
71 29.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078055.D

Acq: 28 Mar 2015 00:04

Tgt Ion: 136 Resp: 170938

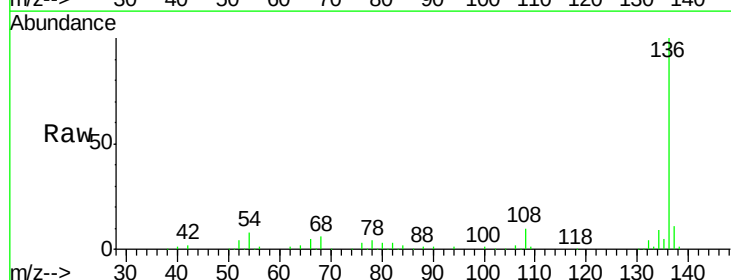
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.8 4.6 6.8#

68 6.0 3.7 5.5#

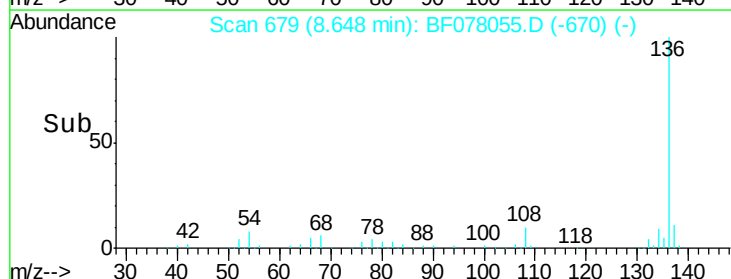
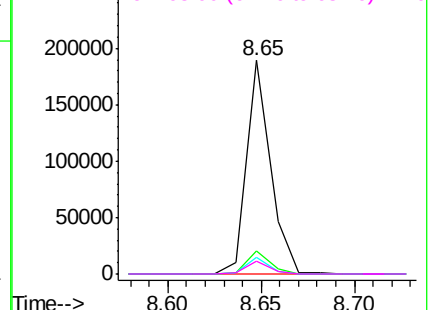


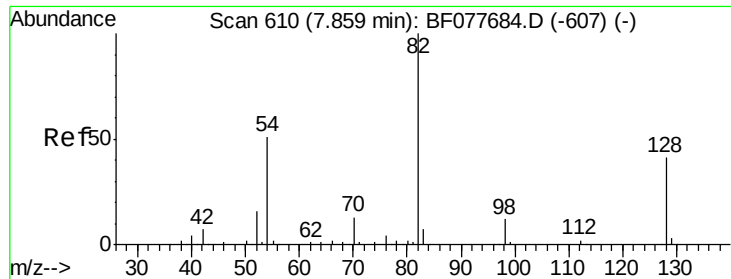
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

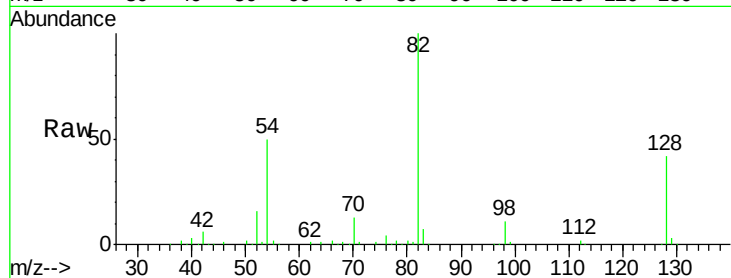




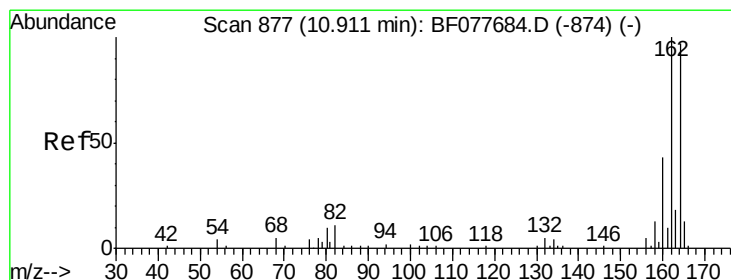
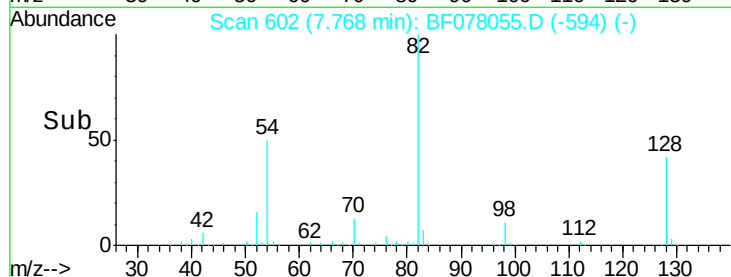
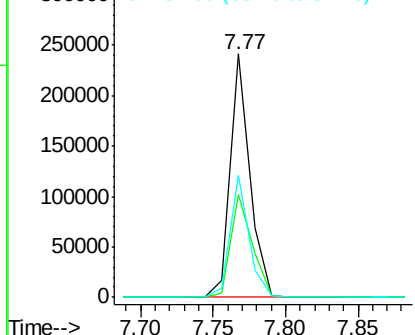
#23
 Nitrobenzene-d5
 Concen: 87.46 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078055.D
 Acq: 28 Mar 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB04-032615

Tgt Ion: 82 Resp: 228057
 Ion Ratio Lower Upper
 82 100
 128 42.4 32.8 49.2
 54 50.1 40.6 60.8

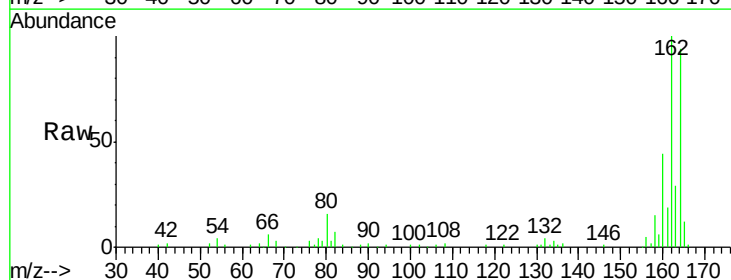


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

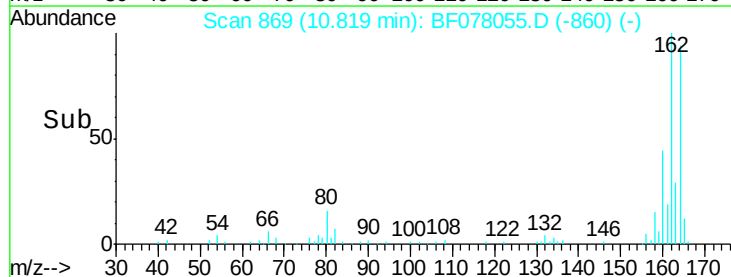
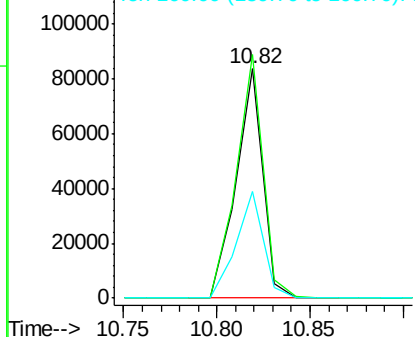


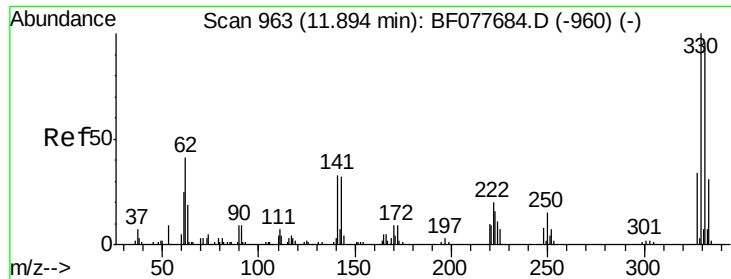
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078055.D
 Acq: 28 Mar 2015 00:04

Tgt Ion: 164 Resp: 83538
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 46.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

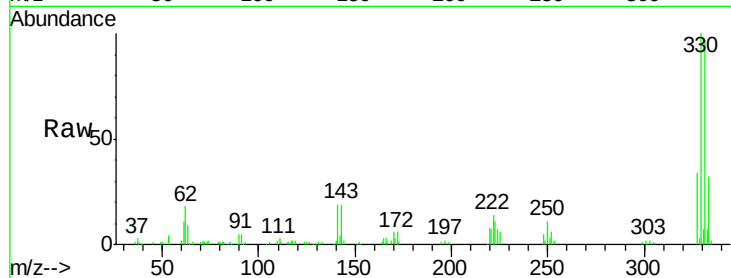




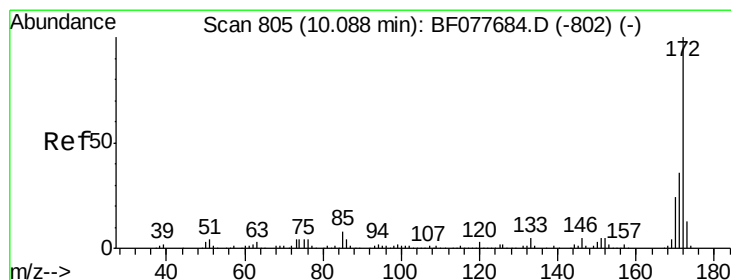
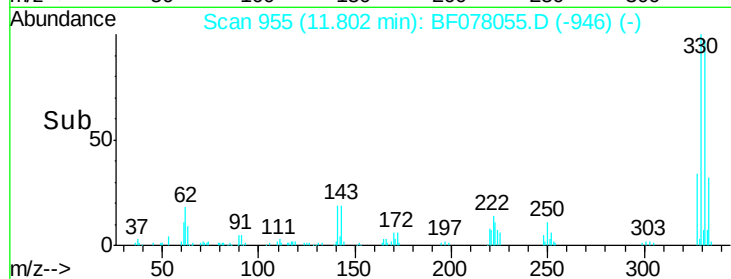
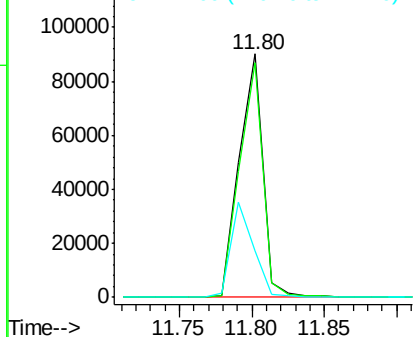
#41
 2,4,6-Tribromophenol
 Concen: 127.23 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078055.D
 Acq: 28 Mar 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB04-032615

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	37.5	0.0	0.0#

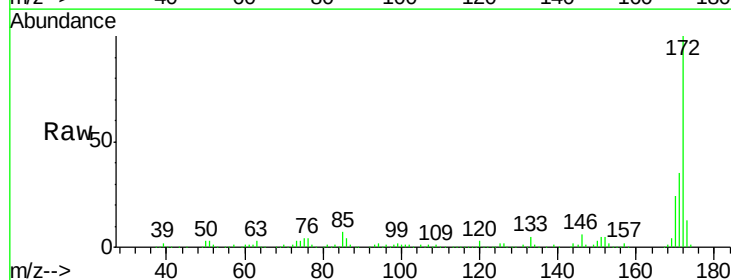


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

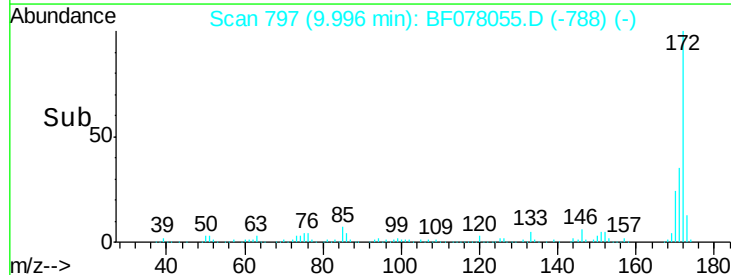
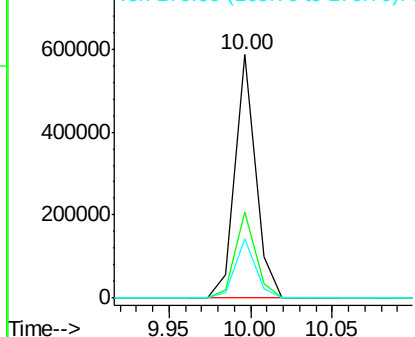


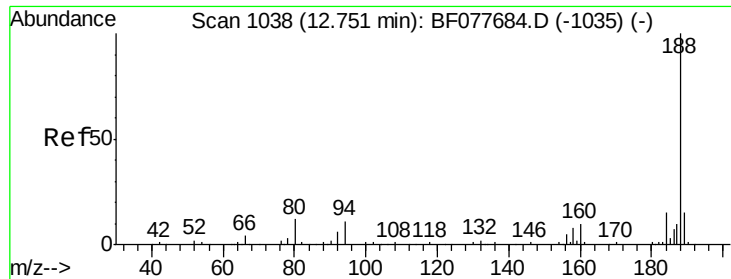
#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078055.D
 Acq: 28 Mar 2015 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.1	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

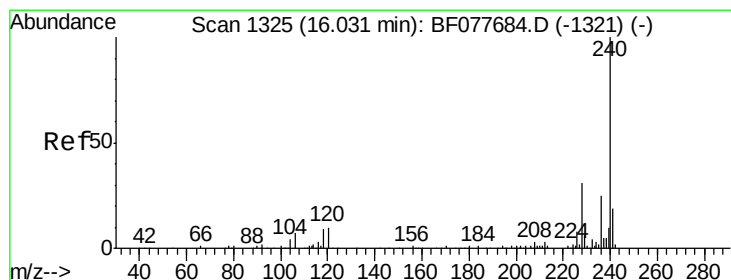
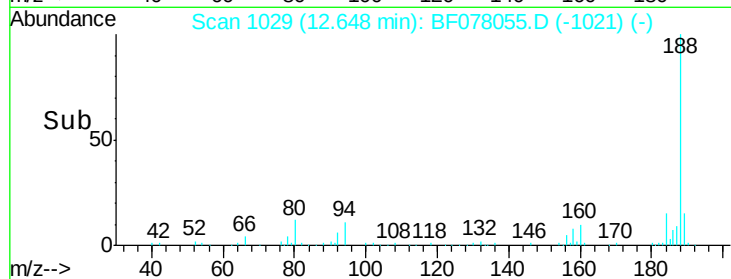
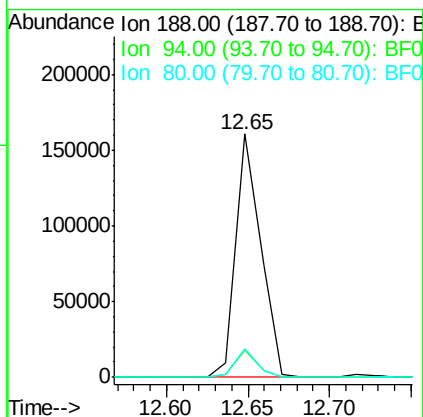
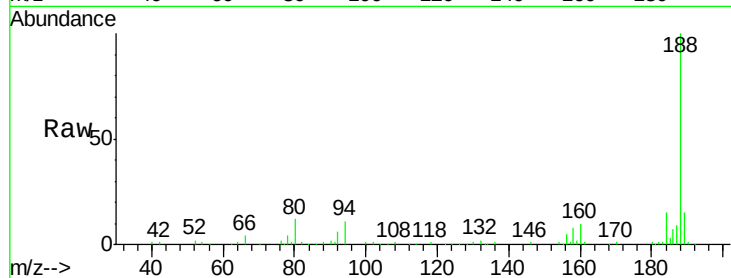




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078055.D
Acq: 28 Mar 2015 00:04

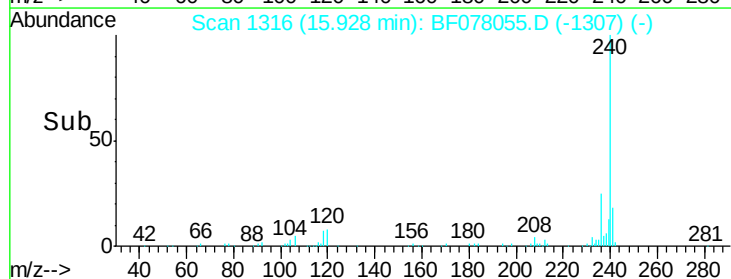
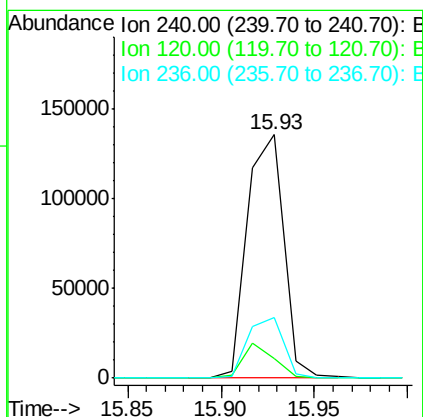
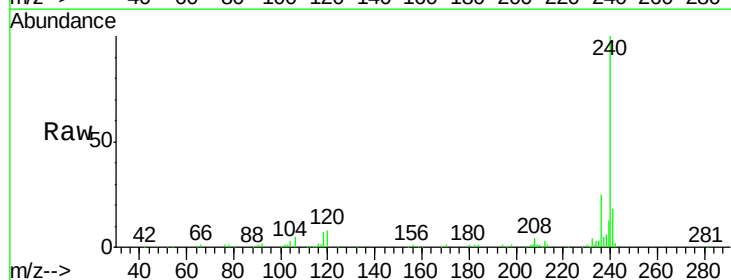
Instrument :
BNA_F
ClientSampleId :
DCW-RB04-032615

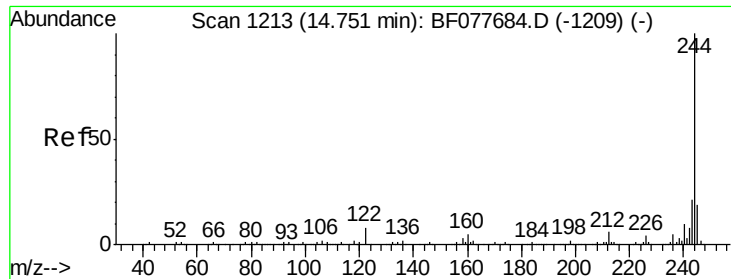
Tgt Ion:188 Resp: 169984
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078055.D
Acq: 28 Mar 2015 00:04

Tgt Ion:240 Resp: 185026
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 25.1 20.0 30.0





#78

Terphenyl-d14

Concen: 84.74 ng

RT: 14.65 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078055.D

Acq: 28 Mar 2015 00:04

Instrument :

BNA_F

ClientSampleId :

DCW-RB04-032615

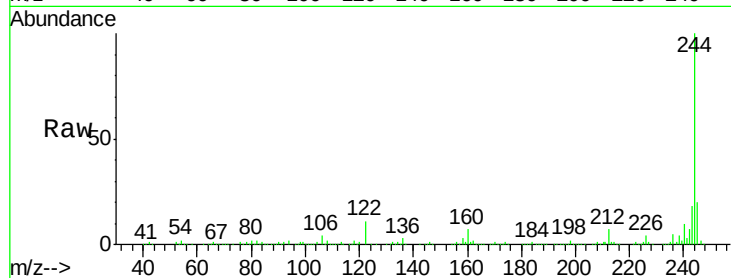
Tgt Ion:244 Resp: 641851

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

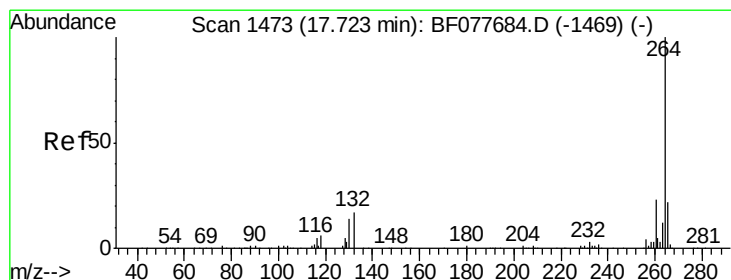
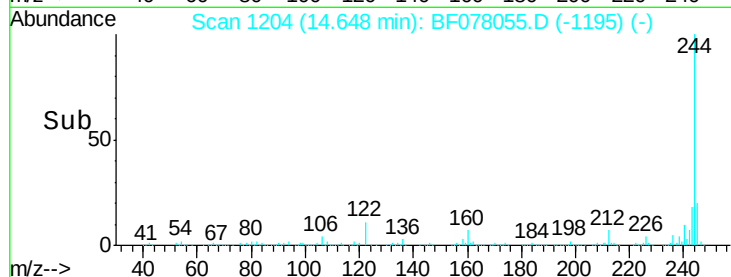
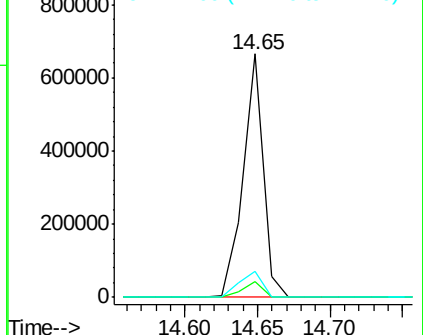
122 10.9 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.62 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF078055.D

Acq: 28 Mar 2015 00:04

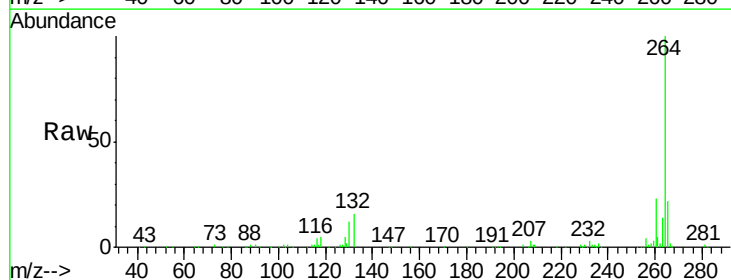
Tgt Ion:264 Resp: 177650

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

